58 cm (23") Home Entertainment Monitor

FORIS® FS2333

Developed by Pro Gamers for Gamers

DreamHack Summer 2012 LAN Party, Jönköping, Sweden. Photo by Rickard Söderberg.

Miss nothing. Ace everything.

Boost your gaming performance with the FORIS FS2333. Featuring EIZO's all-new Smart Insight technology, the FS2333 brings out the details in dark areas like no other gaming monitor so you can spot your opponent before he spots you.

Co-Developed with Fnatic

EIZO collaborated with Fnatic, one of the world's leading eSports organizations, in developing Smart Insight and determining the optimal FPS and RTS settings.

Better Gaming with Smart Technologies

Smart Insight

EIZO's Smart Insight technology vastly improves visibility in dark areas of the screen. With Smart Insight, you can see the vital details that would otherwise be hidden so you can surprise your opponent before he surprises you. Unlike conventional gaming monitors which simply apply gamma correction across the entire screen to achieve a similar effect, Smart Insight adjusts each pixel individually so there is no blurring or reduction in contrast in the dark areas.

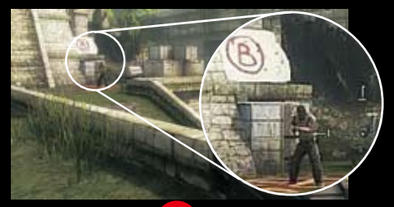
Smart Insight OFF

Smart Insight ON

Smart Resolution

The FORIS FS2333 comes with an EIZO-patented super-resolution technology called Smart Resolution that analyzes the displayed content for noise and blur. It ensures the noise is not accentuated while correcting the blur to the extent needed to sharpen the image. For example, when playing a game, Smart Resolution can sharpen the content to make it more vivid.

Smart Resolution OFF



Smart Resolution ON

Smart Detection

The FORIS FS2333 detects where on the screen a video or game is being played and applies Smart Insight and Smart Resolution while leaving other areas untouched.

Smart technologies applied across the screen

Smart technologies applied to video area only

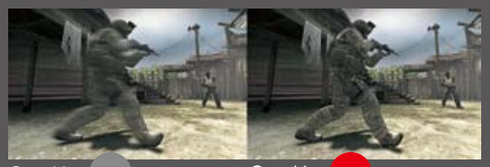
Faster Response Time. Superior Color. More Connections

Wide Viewing Angles

The FORIS FS2333 uses an IPS panel and a mercury-free LED backlight. The IPS panel offers vivid display of color and wide 178° viewing angles. Even when looking at the screen from an angle there's little change in the contrast or color.

3.4 ms Response Time

IPS panel technology offers superior color display to panels typically used for gaming monitors, but it often exhibits some ghosting. The FORIS FS2333 comes with an overdrive circuit that reduces the response time to just 3.4 ms so you can enjoy great color without image artifacts.



Overdrive OFF *Overdrive* ON

Extremely Low Input Lag

EIZO has developed its own integrated circuit that reduces the input lag, or the difference between the time a signal is input into the monitor and then shown on the screen, to less than 0.05 frames. This means all your mouse movements and key strokes are reflected on the screen instantaneously.

Full HD Display and Image Scaling

The FORIS FS2333 displays full HD images at 1080p. For games or videos with a 4:3 or other non-native aspect ratios, it also has a scaling function that enlarges images or expands them to fill the entire screen.

800 x 600 (4:3)

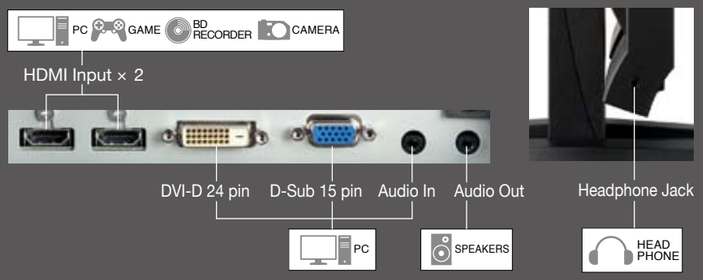
Image enlarged to fill most of the screen

1920 x 1080 (16:9)

Dot-by-dot full screen display

Getting Connected

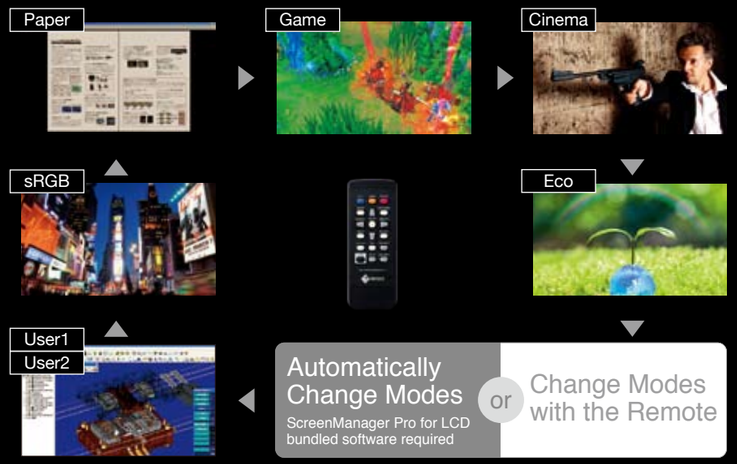
Dual HDMI inputs are included for full HD connectivity with PCs and audio-visual devices such as gaming consoles, cameras, and Blu-ray disc players. DVI-D and D-Sub inputs allow connection to PCs with digital and analog graphics boards respectively. Also, an audio line-in jack is included for connecting to speakers as is a headphone jack.



A More Comfortable Way To Play

Preset Modes For Optimum Viewing

7 preset modes ensures you always get the right setting for whatever game or application you are using. With the monitor's Auto FineContrast feature, you can even assign a mode to an application so that the correct mode will automatically be activated whenever you call up an application.



Best Positioning

Play games or watch videos in comfort with a stand that offers a wide range of adjustment options. The back of the monitor has a built in handle for carrying the monitor to a LAN party or gaming tournament.

Remote Control

The remote control offers full control of the OSD menu plus one-touch access to the monitor's three "Smart" features.

Flawless Photos and Prints

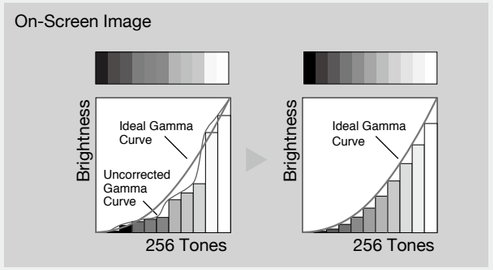
23" High-Resolution Screen

This 23-inch screen offers 2 megapixels of space to minimize the amount of time you need to spend switching between windows and scrolling. It also offers ample space for displaying your thumbnails and then expanding them for viewing or retouching.

Adobe product screenshot reprinted with permission from Adobe Systems Incorporated.

10-Bit Gamma Correction

This technology ensures smooth, accurate color tones by converting the 8-bit RGB (red, green, blue) signal data from the PC to 10-bits, assigning the ideal gamma values, then returning the data to 8-bit format for display.



Color Matching Made Simple

EIZO EasyPIX is a what-you-see-is-what-you-get solution that makes photo retouching and color matching between your prints and your monitor simple. (Sold separately. Windows OS only supported.)

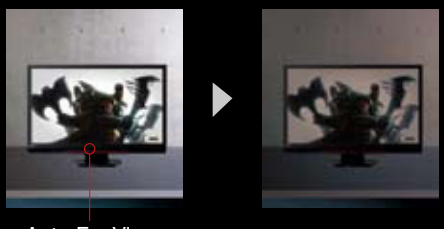
Easy screen-to-print matching

EIZO EasyPIX consists of calibration software and a color sensor. With these tools you can calibrate your monitor to match the color between your prints and monitor.

EIZO EasyPIX™

Tireless Eyes

Using a monitor at a high brightness setting can take its toll on your eyes. To prevent eye fatigue, an ambient brightness sensor called Auto EcoView detects any changes in the ambient brightness and automatically adjusts the screen to the optimal brightness level.



Auto EcoView

Color Stripes

Red, blue, and gray stripes are included for affixing to the front bezel. Select the color you like best to give your monitor a more personal look.

EIZO ScreenSlicer

This is a free software utility that lets you more effectively use your screen through partitioning. Simply drop your windows into configurable partitioned areas and they will be aligned instantly.

Customer Assurance

A five-year warranty offers a long service life, and compliance with leading industry standards such as Energy Star and TÜV Ergonomics ensures a better working environment.

FORIS® FS2333

	PC Input	AV Input
Cabinet Color	Black	
Panel Type	IPS	
Panel Size	23" / 58 cm (584 mm diagonal)	
Native Resolution	1920 x 1080 (16: 9 aspect ratio)	
Display Size (H x V)	509.8 x 286.7 mm	
Pixel Pitch	0.265 x 0.265 mm	
Grayscale Tones	256 tones (a palette of 1021 tones)	
Display Colors	16.77 million from a palette of 1.06 billion	
Viewing Angles (H / V, typical)	178°, 178° (at contrast ratio of 10:1)	
Brightness (typical)	250 cd/m²	
Contrast Ratio (typical)	1000:1 (5000:1 with ContrastEnhancer)	
Response Time (typical)	3.4 ms (Gray-to-gray)	
Video Input Terminals	D-Sub mini 15 pin, DVI-D 24 pin (with HDCP), HDMI x 2 (PC/AV)	HDMI x 2 (PC/AV)
Digital Scanning Frequency (H / V)	HDMI: 15 - 68 kHz, 49 - 61 Hz (VGA Text: 69 - 71 Hz)	–
	DVI: 31 - 68 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)	–
Analog Scanning Frequency (H / V)	31 - 81 kHz, 55 - 76 Hz	
Sync Formats	Separate	
Speakers	0.5 W + 0.5 W (stereo)	
Audio Input Terminals	3.5 mm stereo jack x 1 HDMI x 2 (PC / AV)	HDMI x 2 (PC/AV)
Audio Output Terminals	3.5 mm stereo jack, 3.5 mm headphone jack	
Sound Adjustment	Volume, Mute, Sound Level, Power Save, Source (HDMI)	
Power Requirements	100 - 120 V / 200 - 240 V, 50 / 60 Hz	
Power Consumption	42 W (maximum), 22 W (typical)	
Power Save Mode	Less than 0.4 W (D-Sub mini 15 pin only, speakers non-operating)	
Standby Mode	Less than 0.3 W (Power button off)	
Power Management	Power Save (VESA DPM and DVI DMPM), Off Timer	
Preset Modes	PC / AV: Eco, User1, User2, sRGB, Paper, Game, Cinema	
Auto EcoView	Yes (Deafult: Disabled)	
OSD Languages	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish	
Other Settings	Smart Insight, Smart Resolution, Smart Detection, Product Information (name, serial number, resolution, operating time, etc.), OSD Menu Settings, HDMI Color Space, Adjustment Lock, DDC/CI Lock, Power Indicator, Auto FineContrast[1], Reset	
Dimensions (W x H x D)	With Stand: 545 x 390 - 450 x 200 mm Without Stand: 545 x 348.5 x 54 mm	
Net Weight	With Stand: 5.4 kg Without Stand 4.2 kg	
Height Adjustment Range	60 mm	
Tilt	25° Up, 0° Down	
Swivel	172° Right, 172° Left	
Hole Spacing (VESA Standard)	100 x 100 mm	
Certifications & Standards	CB, TÜV/GS, CE, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, TÜV/Ergonomics, C-tick, GOST-R, RoHS, WEEE, EPEAT Silver (US), Energy Star	
Supplied Accessories	AC power cord, signal cable (DVI-D - DVI-D), audio cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI][2], EIZO ScreenSlicer software), cable holder, color sheets (red, blue, and gray), setup guide with warranty card, 4 screws for mount option, remote control with battery	
Warranty	Five Years[3]	

[1] Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast. [2] ScreenManager Pro for LCD is compatible with the Microsoft Windows 7 and Vista operating systems only. [3] The usage time is limited to 30,000 hours or less. With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

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League of Legends images are provided couresy of Riot Games. CS:GO images are provided courtesy of Valve Corporation.

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